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ELECTROPHORESIS DISPLAY UNIT WITH ILLUMINATION

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ABSTRACT

PURPOSE: To make accurate discrimination possible even in the night-time by giving an illumination function to an electrophoresis display unit.

CONSTITUTION: An electrophoresis display unit uses opaque dispersion medium 11 and no polarizing plate, so that there will be no need to employ transparent lower electrode 12. As a result, a light source should be arranged not on the reverse surface of the device but on either flanks of top surface. Then, reflecting films are formed on all flanks, except one part of the external circumference part of light source 9 and a flank of substrate 10 where lamp light strikes, so as to lighten the entire display unit uniformly, so that excellent discrimination can be made.